## C4L Math Item Count by Tested Indicator Grade 4 Number of items in **NUMBER SENSE Item Bank** MA 4.1.1.b Demonstrate multiple equivalent representations for decimal numbers through the 9 MA 4.1.1.c Compare and order whole numbers and decimals through the hundredths place 15 MA 4.1.1.e Represent a fraction as parts of a whole, and/or parts of a set 8 MA 4.1.1.f Use visual models to find equivalent fractions 10 MA 4.1.1.h Locate fractions on a number line 10 MA 4.1.2.a Use drawings, words, and symbols to 5 explain the meaning of division MA 4.1.3.b Add and subtract decimals to the hundredth 14 MA 4.1.3.c Multiply two-digit whole numbers 15 MA 4.1.3.e Mentally compute multiplication and division involving powers of 10 10 MA 4.1.3.f Select and apply the appropriate method of computation when problem solving 13 Number of items in **GEOMETRIC/MEASUREMENT CONCEPTS Item Bank** MA 4.2.1.a Identify two- and three- dimensional shapes according to their sides and angle properties 10 MA 4.2.1.b Classify an angle as acute, obtuse, and right 10 MA 4.2.1.c Identify parallel, perpendicular, and intersecting lines 7 MA 4.2.2.a Identify the ordered pair of a plotted point in first quadrant by its location 10 MA 4.2.5.b Identify time to the minute on an analog clock 10 MA 4.2.5.c Solve problems involving elapsed time 11 MA 4.2.5.d Identify the appropriate metric unit for measuring length, weight, and capacity/volume 11 MA 4.2.5.g Compute simple unit conversions for length within a system of measurement 12

ALGEBRAIC CONCEPTS	Number of items in Item Bank	
MA 4.3.1.c Use ≤ and ≥ symbols to compare quantities	11	
MA 4.3.1.d Select appropriate operational and relational symbols to make a number sentence true	11	
MA 4.3.3.c Use symbolic representations of the commutative property of multiplication	5	
MA 4.3.3.d Solve simple one-step whole number equations	10	
DATA ANALYSIS/PROBABILITY CONCEPTS	Number of items in Item Bank	
MA 4.4.1.b Compare different representations of the same data	6	
MA 4.4.1.c Interpret data and draw conclusions using dot/line plots	10	
MA 4.4.2.a Make predictions based on data to answer questions from tables and bar graphs	9	